AMENDMENT(S) TO THE CLAIMS

1. (Original) A computer network, comprising:

at least one host computer;

at least one peripheral device; and

a microprocessorless network adapter interconnecting said at least one host computer

5   and said at least one peripheral device.

2. (Original) The network of claim 1, wherein said network adapter is configured to meet standard requirements for a Universal Serial Bus (USB) host.

3. (Original) The network of claim 2, further comprising a USB hub interconnecting said at least one peripheral device and said network adapter.

4. (Original) The network of claim 3, wherein said at least one peripheral device comprises a plurality of peripheral devices, said adapter being configured to support said plurality of peripheral devices.

5. (Original) The network of claim 4, wherein each said peripheral device has a unique network address.

6. (Original) The network of claim 5, wherein each said unique network address comprises a unique internet protocol address.

7. (Original) The network of claim 6, further comprising a remotely attached host computer including one of a device driver and a utility, each said unique internet protocol address being assigned by said one of a device driver and a utility.

8. (Original) The network of claim 5, wherein said adapter is configured to route data to and from said peripheral devices using said unique network addresses.

9. (Original) The network of claim 1, wherein said adapter is configured to manage power on said at least one peripheral device.

10. (Original) The network of claim 1, wherein said adapter is configured to send said at least one peripheral device at least one command to go into a low-power sleep mode until said adapter detects inbound data bound for said at least one peripheral device.

11. (Original) The network of claim 1, wherein said adapter is configured to at least one of send a wake-up command to said at least one peripheral device and verify an active status of said at least one peripheral device before accepting the inbound data.

12. (Original) The network of claim 1, wherein said adapter is configured to perform automatic USB enumeration.

13. (Original) The network of claim 12, wherein said enumeration is performed without software.

14. (Original) A network adapter comprising:

at least one application specific integrated circuit; and

support electronics,

wherein said adapter is microprocessorless.

15. (Original) The adapter of claim 14, wherein said adapter is configured to meet standard requirements for a Universal Serial Bus (USB) host.

16. (Original) The adapter of claim 14, wherein said adapter is configured to interconnect at least one peripheral device and at least one host computer.

17. (Original) The adapter of claim 14, wherein said adapter is configured to:

detect inbound data;

process the inbound data; and

pass the processed data to at least one peripheral device.

18. (Original) The adapter of claim 14, wherein said application specific integrated circuit is configured to perform automatic USB enumeration.

19. (Original) The adapter of claim 18, wherein said enumeration is performed without software.

20. (Canceled)

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30. (Canceled)

31. (Canceled)